

ENVIRONMENTAL REVIEW CHECKLIST/ ENVIRONMENTAL MITIGATION AND MONITORING PLAN(ERC/EMMP)

for Procurement of Equipment for women- led businesses in Masalli region

Implemented under:

Economic Empowerment for Entrepreneurship and Employment (E4)

DCN: 2015-AZB-005

Prepared by: United Nations Development Program/E4

ENVIRONMENTAL REVIEW CHECKLIST FOR IDENTIFYING POTENTIAL ENVIRONMENTAL IMPACTS OF PROJECT ACTIVITIES AND PROCESSES

The Environmental Review Checklist (ERC) and Environmental Mitigation and Monitoring Plan (EMMP) is intended for use by implementing partners to:

- assess activity-specific baseline conditions, including applicable environmental requirements;
- identify potential adverse environmental effects associated with planned activities; and
- develop EMMPs that can effectively avoid or adequately minimize the identified effects.

If implementing partners are in doubt about whether a planned activity requires preparation of an ERC, they should contact their Contracting Officer's Representative (COR)/Agreement Officer's Representative (AOR) for clarification. In turn, the COR/AOR should contact their Mission Environmental Officer (MEO) if they have any questions. In special circumstances and with approval of the BEO it is possible to have one very comprehensive ERC/EMMP for multiple sub-activities if they are similar in scope. (When preparing the ERC/EMMP, please indicate "not applicable" for items that have no bearing on the activity.) The ERC/EMMP should be completed by an environmental specialist. The ERC/EMMP must be completed and approved prior to the activity beginning.

1. Activity and Site Information

Project Name: (as stated in the IEE)	Economic Empowerment for Entrepreneurship and Employment	
Mission/Country:	USAID/Azerbaijan	
DCN of Original IEE:	DCN: 2015-AZB-005	
DCNs of IEE Amendments		
Activity/Site/Grantee Name:	 1.Masalli region, Abiyeva Govhar – Blanket and mattress production. 2.Masalli region, Bayramova Ilaha – Online English language courses. 3.Masalli region, Jabbarova Jeyran – Rent of equipment for funeral and wedding. 4.Masalli region, Javadova Nurana – Production of dairy products. 5.Masalli region, Jafarova Sura – Mini market. 6.Masalli region, Ahmadova Shafaq – Production of dairy products. 7.Masalli region, Mammadova Parvana – Confectioner. 8.Masalli region, Mammadova Safiyya – Book café. 9.Masalli region, Murshudova Tamara – Cleaning services. 10.Masalli region, Ganbarova Konul - Computer courses. 11.Masalli region, Suleymanova Nurana – Confectioner. 12.Masalli region, Tanzila Nuriyeva – Sewing of party dresses. 13.Masalli region, Khalilli Sariya – Beauty salon. 	

	14.Masalli region, Karimova Afsana – Knitting of dolls.
Type of Activity:	Procurement of business equipment
Implementing Partner:	UNDP
Name and Organization of Preparer:	Konul Gafarbayli, PhD in Ecology
Date Prepared:	01.06.2021-05.09.2021

2. Activity Description

2.1. Activity purpose

Project location 1: Blanket and mattress production – 5200 AZN. USAID funds will be used for provision of sewing machine, wool combing, and wool dryer to support the business.

Project location 2: Online English language courses – 3500 AZN. USAID funds will be used for provision of video camera to the beneficiary. English courses are already provided, beneficiary plans to expand her business and upload the lessons to YouTube.

Project location 3: Rent of equipment for funeral and wedding – 3400 AZN. USAID funds will be used provision of professional fridge and air conditioner. So, the beneficiary would be able to rent the equipment for events.

Project location 4: Production of dairy products – 3640 AZN. USAID funds will be used for provision of milking and butter machine, separator, gas stove and etc to support the business.

Project location 5: Mini market – 3400 AZN. USAID funds will be used for provision of window fridge, air conditioner, cash table and etc to start the business.

Project location 6: Production of dairy products – 3640 AZN. USAID funds will be used for provision of milking and butter machine, separator, gas stove and etc to support the business.

Project location 7: Confectioner – 3760 AZN. USAID funds will be used for provision of oven, fridge, mixer and etc to develop the business.

Project location 8: Book café – 3900 AZN. USAID funds will be used for provision of coffee machine, fridge, air conditioner and etc to start the business.

Project location 9: Cleaning services – 2830 AZN. USAID funds will be used for provision of cleaning equipment to start the business.

Project location 10: Computer courses – 3300 AZN. USAID funds will be used for provision of PCs, printer, projector and etc to develop the business.

Project location 11: Confectioner – 2250 AZN. USAID funds will be used for provision of oven, fridge, mixer and etc to develop the business.

Project location 12: Sewing of party dresses – 3230 AZN. USAID funds will be used for provision of sewing machine, wool combing, and dryer to support the business.

Project location 13: Beauty salon – 3110 AZN. USAID funds will be used for provision of beauty salon, furniture, hair dryer, visage chair and etc. to support the business.

Project location 14: Knitting of dolls – 3400 AZN. USAID funds will be used for provision of sewing machine and raw materials to expand the business.

The goal of the project is to support empowerment for entrepreneurship and employment among rural and young women in Masalli district of Azerbaijan. To achieve this goal, the project identifies needs of rural women and according to the needs provides services and/or capacity building opportunities to support women's employability.

In Masalli city community members are mainly occupied in fruits and vegetables growing, cattle breeding, and poultry. Population of the city is about 211,951.

Environmental Consultant appointed for the project visited project locations in Masalli city on 01.06.2021-05.09.2021 and communicated with project beneficiaries prior to development of environmental compliance documentation.

2.2. Total funding in AZN

The total activity cost for each project is about

Project 1: Blanket and Matress Production – 5200 AZN (\$3058.82 USD)

Project 2: Online English language courses – 3500 AZN (\$2058.82 USD)

Project 3: Rent of equipment for funeral and wedding – 3400 AZN (\$2000.00 USD)

Project 4: Production of dairy products – 3640 AZN (\$2141.18 USD)

Project 5: Mini market – 3400 AZN (\$2000.00 USD)

Project 6: Production of dairy products – 3640 AZN (\$2141.18 USD)

Project 7: Confectioner – 3760 AZN (\$2211.76 USD)

Project 8: Book café – 3900 AZN (\$2294.12 USD)

Project 9: Cleaning service – 2830 AZN (\$1664.71 USD)

Project 10: Computer courses – 3300 AZN (\$1941.18 USD)

Project 11: Preparation of cookies – 2250 AZN (\$1323.53 USD)

Project 12: Sewing of party dresses – 3230 AZN (\$1900.00 USD)

Project 13: Beauty salon – 2780 AZN (\$1635.29 USD)

Project 14: Knitting of dolls – 3400 AZN (\$2000.00 USD) accordingly.

The costs are subject to the price offers received from the suppliers. Exact amount will be determined within the bidding process.

- 2.3. Direct Beneficiaries, e.g., size of community, number of school children, etc.
- 1. Project beneficiary is Abiyeva Govhar. One employee is planned to hire within this business.
- 2. Project beneficiary is Bayramova Ilaha. No new employee is planned to hire within this business.
- 3. Project beneficiary is Jabbarova Jeyran. No new employee is planned to hire within this business.
- 4. Project beneficiary is Javadova Nurana. No new employee is planned to hire within this business.
- 5. Project beneficiary is Jafarova Sura. No new employee is planned to hire within this business.
- 6. Project beneficiary is Ahmadova Shafaq. No new employee is planned to hire within this business.
- 7. Project beneficiary is Mammadova Parvana. No new employee is planned to hire within this business.
- 8. Project beneficiary is Mammadova Safiyya. No new employee is planned to hire within this business.
- 9. Project beneficiary is Murshudova Tamara. No new employee is planned to hire within this business.
- 10. Project beneficiary is Ganbarova Konul. No new employee is planned to hire within this business.
- 11. Project beneficiary is Suleymanova Nurana. No new employee is planned to hire within this business.
- 12. Project beneficiary is Tanzila Nuriyeva. No new employee is planned to hire within this business.
- 13. Project beneficiary is Xallil Sariya. No new employee is planned to hire within this business.
- 14. Project beneficiary is Karimova Afsana. No new employee is planned to hire within this business.

2.4. Number of existing employees and annual revenue, if this is a business

Project location 1: Abiyeva Govhar (Blanket and mattress production): mainly 2 family members will be working in all start-up business activities. The expected annual revenue from the business is 1140 AZN. The beneficiary will be engaged with the business activities by hiring one employee;

Project location 2: Bayramova Ilaha (Online English courses): She will be working in all start-up business activities. The expected annual revenue from the business is 6,503.9 AZN. The beneficiary will be engaged with the business activities individually;

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Project location 3: Jabbarova Jeyran (Equipment for weddings and funerals): mainly 2 or 3 family members working in all start-up business activities. Expected annual revenue from the business is 8,389.3 AZN. The beneficiary will be engaged with the business activities individually;

Project location 4: Javadova Nurana (Production of dairy products): She and some of her family members will be working in all start-up business activities. Expected annual revenue from the business is 8,389.3 AZN. The beneficiary will be engaged with the business activities individually;

Project location 5: Jafarova Sura (Mini market): mainly 2 - 3 family members working in all start-up business activities. Expected annual revenue from the business is 15,274.2 AZN. The beneficiary will be engaged with the business activities individually;

Project location 6: Ahmadova Shafaq (Production of dairy products): mainly 2 - 3 family members working in all start-up business activities. Expected annual revenue from the business is 8,666.7 AZN. The beneficiary will be engaged with the business activities individually;

Project location 7: Mammadova Parvana (Confectioner): She will be working in all start-up business activities. Expected annual revenue from the business is 7,270.9 AZN. The beneficiary will be engaged with the business activities individually;

Project location 8: Mammadova Safiyya (Book Cafe): mainly 2 -3 family members working in all start-up business activities. The Expected annual revenue from the business is 13,961.0 AZN. The beneficiary will be engaged with the business activities individually;

Project location 9: Murshudova Tamara (Cleaning services): mainly 2 -3 family members working in all start-up business activities. Expected annual revenue from the business is 6,631.0 AZN. The beneficiary will be engaged with the business activities individually;

Project location 10: Ganbarova Konul (Computer courses): She will be working in all start-up business activities. Expected annual revenue from the business is 7,627.50 AZN. The beneficiary will be engaged with the business activities individually;

Project location 11: Suleymanova Nurana (confectioner): She will be working in all start-up business activities. Expected annual revenue from the business is 14,472.0 AZN. The beneficiary will be engaged with the business activities individually;

Project location 12: Tanzila Nuriyeva (Sewing of party dresses): She will be working in all start-up business activities. Expected annual revenue from the business is 16,132.9 AZN. The beneficiary will be engaged with the business activities individually;

Project location 13: Khallilli Sariyya (beauty salon): mainly 2 -3 family members working in all start-up business activities. Expected annual revenue from the business is 5,155.5 AZN. The beneficiary will be engaged with the business activities individually;

Project location 14: Karimova Afsana (knitting of dolls): She and 2 -3 family members will be working in all start-up business activities. Expected annual revenue from the business is 6,113.0 AZN. The beneficiary will be engaged with the business activities individually.

2.5. Implementation timeframe and schedule

The project activities will be scheduled based on negotiations with project beneficiaries and the availability of requested materials on the local market. It is planned to start the project upon completion of the revision of the checklist and procurement of the equipment.

2.6. Detailed description of activity

2.6.1. Steps that will be taken to accomplish the activity, including mobilization, site preparation, site restoration, and demobilization, if applicable;

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No renovation, site preparation, repair works will be required. Only equipment will be provided to the project beneficiaries.

2.6.2. Items that will be purchased (This section should fully describe what funds are being used for.)

Gas detector will be provided by the E4 activity to all beneficiaries equipped with gas stove.

Project location 1. Abiyeva Govhar - blanket and mattress production.

The business is to produce quilts from wool and natural feathers. It is planned to provide these items to the population of nearby villages. She has experience in this sphere. She needs support to expand the production. The following equipment will be supplied by the E4 activity to support this business startup:

Item Description	Quantity	Cost (USAID Funds)	Cost (Grantee Funds)
YAMATA sewing machine	1	700	0
Wool combing machine	1	2500	0
Wool dryer machine	1	2000	0
TOTAL ESTIMATED COST		5200	0

Project location 2. Bayramova llaha – Online English language course.

The business consists of recording of English language courses. The beneficiary has already provided English language courses, but she plans to expand her business through internet, and for this purpose she needs video camera to record the lessons and upload to YouTube.

Item Description	Quantity	Cost (USAID Funds)	Cost (Grantee Funds)
Video camera	1	3500	0
TOTAL ESTIMATED COST		3500	0

Project location 3. Jabbarova Jeyran – Equipment rent for weddings and funerals.

Acquisition of equipment for weddings and funerals. Services will be provided to the rural population. The equipment will be rented out for events.

Item Description	Quantity	Cost (USAID Funds)	Cost (Grantee Funds)
Mobile Air conditioner Bosch	1	1400	0
Window refrigerator Aik	1	1200	0
Dishes	1	800	0
TOTAL ESTIMATED COST		3400	0

Project location 4. Javadova Nurana - Production of milk and dairy products.

She will make dairy products from the milk of their own livestock. She will organize the selling process by herself. It is planned to provide these products to the population of the nearby villages.

Item Description	Quantity	Cost (USAID Funds)	Cost (Grantee Funds)
Milking machine	1	800	0
Refrigerator	1	1200	0

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Gas stove (with portable gas	1		
detector)		600	0
Butter making machine	1	500	0
Scales	1	50	0
Set of pots	1	150	0
Cream making machine	1	340	0
TOTAL ESTIMATED COST		3640	0

Project location 5. Jafarova Sura - Mini market.

As a business activity, she is going to be engaged in selling of food products.

Item Description	Quantity	Cost (USAID Funds)	Cost (Grantee Funds)
Window refrigerator	1	1200	0
Air conditioner	1	1000	0
Refrigerator for water with 2 doors	1	1000	0
Table for cash machine	1	200	0
TOTAL ESTIMATED COST		3400	0

Project location 6. Ahmadova Shafaq – Production of dairy products.

She will make dairy products from the milk of their own livestock. She will organize the selling process by herself. It is planned to provide these dairy products to the population of the nearby villages.

Item Description	Quantity	Cost (USAID Funds)	Cost (Grantee Funds)
Milking machine	1	800	0
Refrigerator	1	1200	0
Gas stove	1	600	0
Butter making machine	1	500	0
Scales	1	50	0
Set of pots	1	150	0
Cream making machine	1	340	0
TOTAL ESTIMATED COST		3640	0

Project location 7. Mammadova Parvana – Confectioner.

The business activity intends to make sweets. Thus, the handmade sweets will be sold to schools and wedding halls. The beneficiary has been making sweets for many years and needs support to expand her business.

Item Description	Quantity	Cost (USAID Funds)	Cost (Grantee Funds)
Kitchen furniture	1	800	0
Refrigerator Hoffmann	1	900	0
Gas stove Hoffmann	1	600	0
Mixer Gorenje	1	290	0
Tab Lenovo	1	300	0
Microwave oven Hoffmann	1	170	0
Notebook Lenova	1	700	0
TOTAL ESTIMATED COST		3760	0

Project location 8. Mammadova Safiyya - Book Cafe.

This business will establish a cozy place where young people will be able to read books, enjoy coffee and spend their spare time fruitfully.

Item Description	Quantity	Cost (USAID Funds)	Cost (Grantee Funds)
Coffee machine	1	1600	0
Air conditioner	1	800	0
Refrigerator	1	600	0
Window refrigerator	1	900	0
TOTAL ESTIMATED COST		3900	0

Project location 9. Murshudova Tamara – Cleaning services.

The business intends to provide home cleaning services and dry cleaning. The local population and tourists will be served.

Item Description	Quantity	Cost (USAID Funds)	Cost (Grantee Funds)
Cleaning machine	1	1880	0
Steam machine	1	950	0
TOTAL ESTIMATED COST		2830	0

Project location 10. Gambarova Konul – Computer courses.

The business will provide computer courses to the residents of Masalli.

Item Description	Quantity	Cost (USAID Funds)	Cost (Grantee Funds)
PC - 4 Acer Aspire 3 A315-53	1		0
i3/4/intel/500/free/red		1600	
Printer, Epson M22140	1	500	0
Chair	8	800	0
Table	4	400	0
TOTAL ESTIMATED COST		3300	0

Project location 11. Suleymanova Nurana - Confectioner.

The business activity intends to make sweets. Thus, the handmade sweets will be sold to schools and wedding halls. The beneficiary has been making sweets for many years and needs support to expand her business. The beneficiary purchases goods in paper packages (flour, milk and etc) and then hands over the packages for recycling purposes to other beneficiary that is engaged with reusing of paper packages for paper boxes production.

Item Description	Quantity	Cost (USAID Funds)	Cost (Grantee Funds)
Gas oven (with portable gas	1	600	0
detector)			
Set of pans	1	100	0
Mixer	1	250	0
Refrigerator	1	1200	0
Scales	1	100	0
TOTAL ESTIMATED COST		2250	0

Project location 12. Tanzila Nuriyeva – Sewing of party dresses.

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Item Description	Quantity	Cost (USAID Funds)	Cost (Grantee Funds)
Sewing machine Yamata	1	800	0
Steam iron	1	450	0
Overlock with 5 threads	1	500	0
Cutting table	1	200	0
Adjustable mannequin	1	80	0
Button sewing machine	1	1200	0
TOTAL ESTIMATED COST		3230	0

Project location 13. Khalilli Sariyya – Beauty salon.

The business will provide haircutting, coloring, styling, nail manicure, makeup services, etc. She will provide services to women of the district and the rural population.

Item Description	Quantity	Cost (USAID Funds)	Cost (Grantee Funds)
Beauty salon furniture	1	800	0
Armchair	1	250	0
Make up table	1	250	0
Washing chair	1	600	0
Styling hairdryer	1	120	0
Styler for hair curling	1	120	0
Mirror	1	200	0
Keratin products	1	100	0
Hair dryer	1	120	0
Set of scissors	1	100	0
Waffle dryer	1	120	0
TOTAL ESTIMATED COST		2780	0

Project location 14. Karimova Afsana – Knitting of dolls.

The beneficiary will make knitted dolls.

Item Description	Quantity	Cost (USAID Funds)	Cost (Grantee Funds)
YAMATA sewing machine	1	800	0
Yarn	21	2100	0
Beads	1	60	0
Sintepon	1	180	0
String	1	100	0
Fabric	1	160	0
TOTAL ESTIMATED COST		3400	0

2.6.3. What entity will be responsible for the maintenance or sustainability of the activity after completion or handover?

The supplier provides 1-year warranty to all sold equipment and ensures the services.

2.7. Location of activity, e.g. name of village or town, street address, province

USAID/Azerbaijan/E4 activity

The project locations are:

Project location 1. Masalli city, M. Talishkhanov str 88

Project location 2. Masalli district, Dadva str 1

Project location 3. Masalli city, Hishkadara villige

Project location 4. Masalli city, Mishkami villiage

Project location 5. Masalli city, Tatyanoba villiage

Project location 6. Masalli city. Mishkami villiage

Project location 7. Masalli district, Khatai str

Project location 8. Masalli district, Safarali Mammadov str, home 11

Project location 9. Masalli district, Iskandarli village, Hazi Aslanov str home 30

Project location 10. Masalli city. Miyanku villiage

Project location 11. Masalli city. Mishkami villiage

Project location 12. Masalli city. Arkivan villiage

Project location 13. Masalli city. Sharafa villiage

Project location 14. Masalli city, Hajitepe village.

2.8. Detailed description of site

2.8.1. Existing setting, e.g., urban, village, agricultural, or undisturbed land

Project location 1 – blanket and mattress production: Masalli city. Business activities will be based at a private home. Size of the space is 12 sq/m. There is a specially drilled artisan well in the yard, gas and water have been laid at the expense of the state, and electricity and gas lines have been laid at the expense of the private property.

Project Location 2 - **online language course: Masalli city.** Business activities will be operating in a private home. Gas and water have been laid at the expense of the state, and electricity and gas lines have been laid at the expense of the owner. Appropriate conditions are ensured for conduction of courses in summer and winter.

Project Location 3 – equipment for weddings and funerals: Masalli city, Hishkadara village. The space is 10 meters long and 5 meters wide. Gas, water and electricity lines were laid here. There are two wedding houses around, a high school, furniture stores, and grocery and clothing stores. There is a lake 400 m away from the place. The equipment will be placed in the house of the beneficiary but will be rented out.

Project Location 4 – production of dairy products: Masalli city. The business will be operating at home. The area of the barn is 120 sqm. There is a lake 30 m away from the place.

Project Location 5 – **mini market: Masalli city, Tatyanoba village**. The market is 24 sqm. There was no gas and water system before. The electricity system has been installed at the owners own expense. There are no lakes or rivers nearby. The water and gas have been laid by the owner of the premises.

Project Location 6 – **production of dairy products: Masalli city, Mishkami village**. She will be operating at home. The area is 8 sqm. Gas, light, and water systems are available. The barn is 30 sqm. There is a lake 200 m away. The property belongs to the owner of the business.

Project Location 7 - confectioner: Masalli city Xalifalar village. Initially, she will be operating at home. There are gas and water systems. The electric line has already been laid here and meets the standards.

Project Location 8 – **book cafe: Masalli city, Arkivan village.** The business will be operating at the leased premise. The premises space will be 60 sq/m. The electric line, gas and sewage has already been installed and meets the standards.

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Project Location 9 – cleaning services: Massali city. She will go to the houses where she will provide cleaning services. Therefore, she will not have a specific facility.

Project Location 10 – computer courses: Masalli city, Miyanku village. She will rent a premise. The considered space has gas, water, and electricity system have already been laid the by owner of the premises. There are no lakes or rivers around.

Project Location 11 – production of dairy products: Masalli city, Mishkami village. The business will be located on private property. Initially, the beneficiary will work in one of the rooms of her house. The room is 20 sq/m. There are all conditions for the implementation of the work. Gas, water, and electricity lines were installed by the government.

Project Location 12 – **tailor: Masalli city, Arkivan village.** Business activities will be carried out in a private home. The size of the facility is 30 square meters, gas, electricity systems were installed by the government. There are no lakes or rivers nearby. The house has all the conditions for running the business. With the project support, the business will be expanded.

Project Location 13 – beauty salon: Masalli city, Sharafa villiage. The business will be operating in a private home. The area is 12 square meters. The house has all the conditions for running the business. With the support of the project, the business may be expanded. Water, gas and electricity systems are available. All of them were provided by the beneficiary.

Project Location 14 – knitting of dolls: Masalli city. The beneficiary will be operating at home. The area is 15 square meters. Water, gas and electricity systems are available. No environmental damage during work process will be made by the business.

2.8.2. Size of the facility or hectares of land

Size of each project facility is provided under the section 2.8.1

2.8.3. Site map, e.g., provide an image from Google Earth (or similar) of the project site (include latitude and longitude coordinates).

Site map, e.g., provide an image from Google Earth of the location

Project Location 1. Blankets and mattress production: Masalli city:

39.030139 48.683004



Project location 2: Online English language courses courses: Masalli city:

39.023808 48.691798



Project location 3. Rent of equipment for weddings and funerals: Masalli region, Mishkadara village 38.907270





Project location 4. Production of dairy products: Masalli city, Mishkami villiage 38.907846

48.678407



Project location 5. Mini market: Masalli city, Tatyanoba villiage

39.029138 N 48.670016 E



Project location 6. Production of dairy products: Masalli city, Mishkami villiage **38.907960**

48.679625



Project location 7. A confectioner: Masalli city.

39.039371 48.670196



Project location 8. Book café: Masalli city. 38.53.40.0 N 48.44.21.4 E



Project location 9. Cleaning services: Massali city. 38.09.61.0 N 48.44.21.2 E



Project location 10. Computer courses: Masalli city, Miyanku villiage 38.894454



Project location 11. A confectioner: Masalli city, Mishkami villiage **39.907518 48.679185**



Project location 12. Sewing of party dresses: Masalli city, Arkivan villiage 38.998772 48.644283

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Project location 13. Beauty salon: Masalli city, Sharafa villiage 38.894454



Project location 14. Knitting of dolls: Masalli city, Hajitepe village **39.029216 48.670261**



2.9 Photos of site, items to be purchased, engineering construction plans (when available) Project location 1: Blanket and mattress production – Abiyeva Govhar





Project location 2: Online English language courses – Bayramova Ilaha



Project location 3: Equipment for weddings and funerals – Jabbarova Jeyran





Project location 4: Production of dairy products – Javadova Nurana







The photo of the place where the equipment will be placed.

Project location 5: Mini market – Jafarova Sura





Project location 6: Production of dairy products - Ahmadova Shafaq



Project location 7: Confectioner – Mammadova Parvana



Project location 8: Book café – Mammadova Safiyya. She will rent the place where she will work. Therefore, the photo is not provided



Project location 9: Cleaning service – Murshudova Tamara. she will provide cleaning services in various homes and catering facilities. Therefore, there is no picture and location of the area where she will work.



Project location 10: Computer courses – Ganbarova Konul.





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Project location 11: Confectioner – Suleymanova Nurana.



Project location 12: Sewing of party dresses – Nuriyeva Tanzila.



Project location 13: Beauty salon – Khalilli Sariyya.





The photo of the place where the equipment will be placed.

Project location 14: Knitting of dolls – Karimova Afsana









3. Activity-Specific Baseline Environmental Conditions

3.1. Population characteristics

Masallı region- Population of the district is about 211,951 people, majority of them occupied with agriculture, tobacco, nuts, vegetables, horticulture and livestock.

3.2. Geography

Lankaran - Astara Economic Zone

All project beneficiaries are located in Masalli administrative area of Azerbaijan which belongs to Lankaran - Astara Economic region.

In the east, the district is washed by the Caspian Sea, and in the west it approaches Talysh Mountains, Burovar ridge. Height of the territory reaches 917 metres (3,009 ft). There are mineral and geothermal springs in Masally. Average temperature is 2.1 °C (35.8 °F) in January, and 24.6 °C (76.3 °F) in July. The amount of annual precipitation is 600–800 millimetres (24–31 in). Vilash is the largest river of the district. There are broad-leaved forests of Girkan type-chestnut-leaved oak, hornbeam, beech, Persian ironwood tree, Girkan boxwood, Caucasian persimmon, medlar and others in the mountainous part of the district. Total area of the district's forests equals 16,870 hectares (41,700 acres). There are 107 villages in Masally.

Lankaran-Astara Economic Region of Azerbaijan Republic covers Astara, Jalilabad, Lerik, Masalli, Yardimly, and Lankaran administrative regions and is located in the south-eastern part of Azerbaijan.

USAID/Azerbaijan/E4 activity

Agrarian-industrial complex is the main component of the economy of the Lankaran - Astara Economic zone. Humid subtropical climate, fertile soil, water and appropriate labor force creates a big potential for the development of the agriculture. The main sectors of the agriculture include early vegetable-growing, tea-growing, vine-growing and grain-growing. This economic region produces 99% of tea, 27% of vegetable, 15% of grain, 24% of potato, 13% grape, 10% of fruits produced in Azerbaijan. Plain parts of Masalli, Lankaran, Astara regions are specialized in tea-growing and vegetable and melon plantation. Vine-growing is more developed in Jalilabad region. Main agricultural sectors in Lerik and Yardimly are grain-growing, cattle-breeding and tea-growing. Citrus fruit-growing is very developed in this Economic Region.

Lankaran Economic Region has poor natural resources. Some rock products like construction sand, clay and etc. play an important role in the economical development of the region. Economic Regions has rich mineral water resources. The industry of Lankaran Economic Region is based on processing of local agricultural products, especially fruit-growing and fishing products. Food industry produces the 90% of industrial products of the region. The main sectors of the food industry include fish processing (Narimanabad fish plant, Lankaran fish-canning plant), tea, fruit-vegetable canning, vine production and tobacco processing. Also there are some enterprises involved in production of meat, milk, cheese and bread. There are enterprises including construction material, furniture production, vehicle repair, instrument-making, maintenance and repair of agricultural machinery. Poultry keeping industry is developed in Lankaran, Massalli.

The details of economy of the LankaranAstaraEcnomical zone given in figure below.



3.3. Climate

Masalli region has the mediterranean climate prevailing. The summers are hot and dry, and the temperature is mild in the winter. The average annual temperature for Masalli is 17° degrees and there is about 356 mm of rain in a year. It is dry for 191 days a year with an average humidity of 72%.

3.4. Natural resources, e.g., nearby forest/protected areas, ground and surface water resources

Lankaran Astara Economic Zone

The eastern part of Economic Region is in the coast of Caspian Sea and western and southern parts has borders with Islamic Republic of Iran. The area of the Economic Region is 6.08 thousand km2 (7% of the territory of the Azerbaijan). The favorable natural conditions of the economic region had an impact on distribution of population. The population of the region is 753.7 thousand people (the 9.3% of population of country).

The Landscape of the Economic Region can be divided into two parts Lankaran plain and Talish Mountains. 26% of the territory of the region is covered with forest. This region is different from other parts of the country. 7 of 13 climate exist in the economic region. In general, the climate is humid subtropical. The favorable natural conditions of the economic region had an impact on distribution of population. The population of the region is 753.7 thousand people (the 9.3% of population of country).

USAID/Azerbaijan/E4 activity

3.5. Current land use and owner of land

In 2015 about 19.000 ha of the land has been used for the agriculture. There are mainly developing growing of tea, tobacco, cotton, and walnut that covers 8000 ha.

3.6. Other relevant description of current environmental conditions in proximity to the activity.

Project Location 1: Masalli city: the business location is in an easy access for community members.

Project Location 2: Masalli city: the business location is in an easy access for community members. There are banks, schools and residences near the business location.

Project Location 3: Masalli region, Hishkadara villiage. The business location is in an easy access for community members. There are houses, a school and etc. around.

Project Location 4: Masalli region, Mishkami villiage. The business location is in an easy access for community members. There are houses, a school and etc. around.

Project Location 5: Masalli region, Tatyanoba villiage. The business location is in an easy access for community members. There are houses, a school and etc. around.

Project Location 6: Masalli region, **Mishkami villiage.** The business locations is in an easy access for community members. There are houses, a school and etc. around.

Project Location 7: Masalli region. The business locations are in an easy access for community members, it is in the city center, close to public buildings.

Project Location 8: Masalli region. The business location is in an easy access for community members. There are houses, a school etc. around.

Project Location 9: Masalli region. The business location is in an easy access for community members. There are houses, a school and etc. around.

Project Location 10: Masalli region, Miyanku village. The business location is in an easy access for community members. There is a pharmacy, a bazaar, a market and etc. around.

Project Location 11: Masalli region. Mishkami villiage. The business locations is in an easy access for community members. There are houses, a school and etc. around.

Project Location 12: Masalli region, Arkivan village. The business location is in an easy access for community members. There are houses, a school and etc. around.

Project Location 13: Masalli region, Sharafa village. The business location is in an easy access for community members. There are houses, a school and etc. around.

Project Location 14: Masalli region. The business location is in an easy access for community members. There are houses, a school and etc. around.

4. Legal, Regulatory, and Permitting Requirements

- 4.1. Does this activity require an EIA under a national law? No
- 4.2. Applicable National or local permits for this activity, responsible party, and schedule for obtaining them:

Permit Type	Responsible party	Schedule
Zoning	N/A	
Building/Construction	N/A	
Source Material Extraction	N/A	
Waste Disposal	N/A	
Wastewater	N/A	
Storm Water Management	N/A	
Air Quality	N/A	
Water Use	N/A	
Historical or Cultural Preservation	N/A	•

USAID/Azerbaijan/E4 activity

Wetlands or Water bodies	N/A	
Threatened or Endangered Species	N/A	
Other		

4.3. Will the activity be required to adhere to formal engineering designs/plans? If yes, attach the designs or plans to this ERC/EMMP.

No formal engineering designs/plans are required.

4.3.1. Have the designs or plans been, or will they be developed by a qualified engineer? No

For Sections 5 through12, please fill out the blank column with either "Yes," "No" or "Maybe. Provide a discussion for any of the listed issues that are "Yes" or "Maybe" answers and likely to have a bearing on this activity. Please see the example below:

1.1 Sample question: Does the activity have an environmental impact? [Hitting a return at the end of the question above will automatically format the user input]. Describe the environmental impact here.	Yes
1.1.1 Sample question: Does the activity generate toxic waste? [No response needed if the answer if "No"].	No

5. Land use changes and land impacts

5.1.	Will the activity change the land use, e.g., undeveloped, agricultural, residential, commercial, or industrial?	No
5.2.	Will the activity require temporary or permanent property land taking?	No
5.3.	Will the activity involve site preparation, e.g., clearing and grubbing, grading?	No
5.4.	Will the activity involve onsite excavation or trenching?	No
5.5.	Will the activity involve the use of borrow pits or quarries? If so, describe the siting, operation, and closure plans.	No
5.6.	Will the activity interfere with or connect to existing aboveground or below-ground utilities, e.g., electricity, communications, water, sewer, or natural gas?	Yes
5.7.	Will the activity involve installation of new aboveground or below-ground utilities, e.g., electricity, communications, water, sewer, or natural gas?	No
5.8.	Will the activity result in mineral extraction, e.g., aggregate, stone, or coal?	No
5.9.	Will the activity result in hydrocarbon extraction, e.g., oil, or natural gas?	No
5.10.	Are there known geological hazards, e.g., faults, landslides, or unstable soils which could affect the activity? If yes, how will the project ensure structural integrity?	No

6. Impacts to forestry, biodiversity, protected areas, and endangered species

6.1.	Is the site located adjacent to or near a protected area, national park, nature preserve, or wildlife refuge?	No
6.2.	Is the site located in or near threatened or endangered (T&E) species habitat?	No
	6.2.1. If yes, describe the plan for identifying T&E species during activity implementation. (Non-yes/no question)	

	6.2.2. If yes, describe the formal process for halting work, avoiding impacts, and notifying authorities if T&E species are identified during implementation.	
6.3.	Is the site located in a migratory bird flight or other animal migratory pathway?	No
6.4.	Will the activity involve harvesting of non-timber forest products, e.g., mushrooms, medicinal and aromatic plants (MAPs), herbs, or woody debris?	No
6.5.	Will the activity involve tree removal or logging?	No
6.6.	Will activities result in increased outdoor noise on a continuous or frequent basis at sound levels that disturb wildlife?	No

7. Water and water quality impacts

7.1. List any National, European Union, or other international water discharge regulations or standards applicable to this activity. (Non-yes/no question) The Law of Azerbaijan Republic on Water Supply and Sewage. Baku, October 28, 1999 Water Code of Azerbaijan Republic, Baku December 26, 1997 7.2. How far is the site located from the nearest river, stream, or lake? (Non-yes/no question). All beneficiaries have water well in the yard with depth 22-25m. No Will the activity increase the risk of flooding at the site or on other property? No Will the activity disturb wetland, lacustrine, or riparian areas? No Will the site require excavation within, placing of fill in, or substrate removal (e.g., gravel) from a river, stream, or lake? 7.7. What is the depth to groundwater at the site? (Non-yes/no question) All beneficiaries have water well in their yard with approximate depth 22-25m. 7.8. Will the activity cause interference with the current drainage systems or conditions? No If yes, describe the expected volumes and the permit requirements. 7.10. Will the activity discharge domestic or industrial sewage to surface water, groundwater, or a publicly owned treatment facility? Most of beneficiaries have sewerage systems laid by municipality and the sewage flows into the public sewer. 3 beneficiaries have septic tank in their yards and sewage flows into the tanks. 7.11. Will the activity change storm water runoff volume, intensity, or locations? If so, describe how the designs/plans effectively and comprehensively address the management of storm water runoff and its effects. No will the activity result in the runoff of pesticides, fertilizers, or toxic chemicals into surface water or groundwater?		Anna Anna Anna Anna Anna Anna Anna Anna	
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	7.12.		No
	7.13.	·	No

7.14.	Will the activity involve the use or onsite storage of liquid fuels? If yes, describe the fuel type(s), quantities, storage conditions, and spill control procedures.	No
7.15.	Will the activity result in discharge of effluent containing livestock wastes such as manure or blood?	No

8. Atmospheric and air quality impacts

· · · · · · · · · · · · · · · · · · ·	
8.1. List any National, European Union, or other international air emission regulations standards applicable to this activity.	or
LAW OF AZERBAIJAN REPUBLIC on protection of atmospheric air, Baku, Marci	' 1
27, 2001	
The Montreal Protocol on Substances that Deplete the Ozone Layer	
8.2. Will the activity result in increased emission of air pollutants from a vent or as fugitive releases, e.g., soot, sulfur dioxide, oxides of nitrogen, volatile organic compound or methane?	
Mainly there will be emission of methane by the businesses equipped with gas oven. The are two types of such businesses: bakery and production of dairy products. The kitchen we be supplied with extract ventilation and smoke evacuation chimney with a filter in order reduce the amount of emission by beneficiary and no renovation will be needed.	vill
8.3. Will the activity involve burning of fossil fuels?	No
8.4. Will the activity involve burning of wood or biomass?	No
8.5. Will the activity install, operate, maintain, or decommission systems containing ozone depleting substances, e.g., freon or other refrigerants?	ng YES
Market research will be conducted and refrigerator and AC working with either R-513A or R600A freon will be purchased and delivered to the beneficiaries.	r
8.6. Will the activity generate an increase in carbon emissions?	YES
The kitchen will be supplied with extract ventilation and smoke evacuation chimney with filter in order to reduce the amount of emission by beneficiary. Smoke evacuation chimne will be installed by the beneficiary and no renovation will be needed.	
8.7. Will the activity increase odor on a continuous or frequent basis?	YES
The businesses that will cause odor will be equipped with filtered ventilation (e.g mattres production, dairy products production and etc). The filtered ventilation will be installed by beneficiary himself and no renovation will be needed.	
8.8. Will the activity generate dust on a continuous or frequent basis?	No
8.9. Will the activity increase the risk of fire, explosion, or hazardous airborne chemic releases?	cal No

9. Energy efficiency, pollution prevention, and cleaner production

9.1.	Does the activity use renewable energy sources? If yes, describe the energy sources.	No
9.2.	Does the activity require use of energy efficiency equipment? If yes, describe the energy efficiency requirement.	No

9.3.	Does the activity promote pollution prevention and cleaner production measures? If yes, describe the measures.	No
9.4.	Does the activity promote maximum reliance on green building or green land-use approaches? If yes, describe the approaches.	No

10. Waste management

Waste management	
10.1. List any National, European Union, or other international solid waste dispossionage regulations or standards applicable to this activity. (Non-yes/no questi THE LAW OF AZERBAIJAN REPUBLIC on industrial and domestic waste, Baku, Jun 1998	ion)
10.2. List any National, European Union, or other international hazardous waste dis or storage regulations or standards applicable to this activity. (Non-yes/no que	
THE LAW OF AZERBAIJAN REPUBLIC on industrial and domestic waste, Baku, Jun 1998	ne 30,
10.3. Describe the local capabilities and facilities for solid, hazardous, and recycles wastes. (Non-yes/no question)	clable
In the regions of Azerbaijan (except Baku), there is no waste classification and sorting hazardous and non-hazardous landfill disposal. There are municipal landfills where produced of their wastes. But in the same regions there are recycling vendors for plasting glass and metal. These vendors collect these kinds of wastes either collecting them for street to street or from the landfills for reuse or recycling purposes.	eople ic,
10.4. Will the activity generate nonhazardous solid wastes such as construction de packaging material, or nontoxic by products? If yes, describe expected types quantities of solid waste and the plans for reuse, recycling, and disposal.	·
The beneficiary purchases goods in paper packages (flour, milk and etc) and then had over the packages for recycling purposes to other beneficiary that is engaged with reconfiper packages for paper boxes production.	
10.5. Will the activity involve the generation and disposal of hazardous waste, such solvents, acids, caustics, toxics, or other chemicals? If yes, describe the plan disposal of these hazardous chemicals.	
10.6. Will the activity involve lead paint or lead-painted building components? If describe the plans for disposal of lead paint containers or lead-painted debris.	
10.7. Will the activity involve the installation, use, or removal of asbestos-conta materials or building materials that may contain asbestos? If yes, describe the for disposal of waste asbestos containing materials.	
10.8. Will the activity involve disposal or retrofitting of equipment conta polychlorinated biphenyls (PCB), e.g., electrical transformers or fluorescent ballasts? If yes, describe the plans for disposal of PCB materials.	
10.9. Will the activity generate any other solid or hazardous wastes requiring sp recycling or waste management plans, such as batteries, fluorescent tubes, accans, or electronic wastes? If yes, describe the plans for disposal of these materials.	erosol

11. Pesticide Health, and Safety Impacts

11.1.	Will the activity involve use or onsite storage of pesticides?	No
	11.1.1. If yes, identify the applicable PERSUAP, including DCN and expiration	
	date. (Non-yes/no question)	
	11.1.2. If yes, describe the types and quantities of pesticides.	
	11.1.3. If yes, describe the pesticide storage conditions.	
	11.1.4. If yes, describe the worker training requirements.	
	11.1.5. If yes, describe the personal protective equipment (PPE) to be worn	
	workers.	
	11.1.6. If yes, describe public safety precautions.	
11.2.	Will chemicals be used or stored at the site? If yes, describe the chemicals, quantities, and storage conditions.	No
11.3.	Will the activity potentially disturb soil contaminated with toxic or hazardous materials?	No

12. Social and cultural impacts

12.1.	List any National, European Union, or other international historical or cultural preservation regulations or standards applicable to this activity.	
THE F	AW ON PROTECTION OF THE HISTORICAL AND CULTURAL MONUMENTS OF REPUBLIC OF AZERBAIJAN Baku city, April 10, 1998. storical or cultural sites are located near the project areas.	
12.2.	Will activities result in light pollution, which could adversely affect the natural environment?	No
12.3.	Are there cultural or historic sites located at or near the site?	No
	12.3.1. If yes, provide a map showing the locations relative to the site.	
	12.3.2. If yes, indicate the distance between the activity site and each cultural or historic site.	
	12.3.3. If yes, describe the plan for avoiding disturbance or notifying authorities.	
12.4.	Are there unique ethnic or traditional cultures or values present at or associated with the site? If yes, what is the applicable preservation plan?	No

13. Further Analysis of Recommended Actions (Most activities will have a threshold determination of negative determination with conditions.

- 13.1.

 Categorical Exclusion: The activity is not likely to have an effect on the natural or physical environment. No further environmental review is required. * (This is rarely used in the ERC/EMMP.)
- 13.2. Negative Determination with Conditions: The activity does not have potentially significant adverse environmental, health, or safety effects, but may contribute to minor impacts that can be eliminated or adequately minimized by appropriate mitigation measures. ERC/EMMPs shall be developed, approved by the Mission Environmental Officer (MEO) and the BEO prior to beginning the activity, incorporated into workplans, and then implemented. For activities related to the procurement, use, or training related to pesticides, a PERSUAP will be prepared for BEO approval, PERSUAPS are considered amendments to the IEE and usually Negative Determination with Conditions. See Sections H and I below.*

- 13.3.
 Positive Determination: The activity has potentially significant adverse environmental effects and requires further analysis of alternatives, solicitation of stakeholder input, and incorporation of environmental considerations into activity design. A Scoping Statement (SS) must be prepared and be submitted to the BEO for approval. Following BEO approval of the SS an Environmental Assessment (EA) will be conducted. The activity may not be implemented until the BEO clears the final EA. If the Parent IEE does not have Positive Determination as one of the threshold determinations, the IEE needs to be amended.
- 13.4. Activity Cancellation: The activity poses significant and unmitigable adverse environmental effects. Adequate ERC/EMMPs cannot be developed to eliminate these effects and alternatives are not feasible. The project is not recommended for funding.

*Note regarding applicability related to Pesticides (216.2(e): The exemptions of §216.2(b)(l) and the categorical exclusions of §216.2(c)(2) *such as technical assistance, education, and training* are not applicable to assistance for the procurement or use of pesticides.

14. EMMPs and ROCs

- 14.1. Activity-specific environmental mitigation and monitoring plan (EMMP): Using the table provided below, list the processes that comprise the activity, then for each process, identify impacts requiring further consideration. For each impact, describe the mitigation and monitoring measures that will be implemented to avoid or to adequately minimize the impacts. All questions in Sections 5 through 12 with Yes or Maybe answers should be addressed. Upon request, the MEO may be able to provide your project with example EMMPs that are specific to your activity.
- 14.2. Annually (or more frequently if required by the Activity Manager/AOR /COR) and at the close out of the activity, the IP shall prepare a Record of Compliance (ROC) to be submitted to the Activity Manager/AOR/COR. The ROC shall document how the mitigation and monitoring requirements were met. As appropriate, attachments such as site photos, permits, verification of local inspections, product warranties, etc. should be included in the ROC. The ROC shall be posted to the USAID Environmental Compliance Database (ECD).

Processes	Identified Environmental Impacts	Mitigation Measures	Monitoring Indicators	Monitoring and Reporting Frequency	Responsible Parties	Records Generated
Procurement of A/C, fridge and refrigerator	Ozone depleting impact by freon	Select the vendor who provides A/C, fridge with freons such as R-513A or R- 600A	Bid offer by the successful bidder	Monitor during the injection of Freon to the cooling system	Vendor and E4	Handover act
Installation of equipment	Waste generation	Reuse generated installation waste by the beneficiary as much as possible. Collection of wastes such as paper, by the other beneficiaries for recycling purposes	Visual inspection during the installation and keeping of logbook for waste generation	Monitor during the installation and waste transportation. Report in quarterly report	Beneficiary	Records on waste generation and handover
Operation of the businesses	Overusing of water, energy, gas and extra emission Overfilling of wastewater collection pit	To switch off water, energy and gas sources when it is not necessary. Check wastewater collection pit from time-to-time and vacuum it when its full	Logbook	N/A	Beneficiary	N/A
	Gas leakage	Provide a gas detector	Visual inspection during the operation	Monitor every day of the operation	Beneficiary	N/A
	Training of workers for operation and maintenance	Training of employees in charge and maintenance	Safety induction report with worker's name and signature	N/A	Vendor and Beneficiary	Records and photos
Food storage and marking	Food contamination	Storage of perishable food and food products in refrigerators or fridge	Indication of made/expiry dates on food products and keeping of logbook.	Check expiration dates on products every day	Beneficiary	Records

Certification of No Adverse or Significant Effects on the Environment

I, the undersigned, certify that activity-specific baseline conditions and applicable environmental requirements have been properly assessed; that environmental impacts and pesticide-related health and safety impacts requiring further consideration have been comprehensively identified; and that adverse impacts will be effectively avoided or sufficiently minimized by proper implementation of the EMMP(s). If new impacts requiring further consideration are identified or new mitigation measures are needed, I will be responsible for notifying the USAID COR/AOR, as soon as practicable. Upon completion of activities, I will submit a *Record of Compliance with Activity-Specific EMMPs* using a format approved by the MEO.

Vusala Garayeva Date: 2022.05.24 17:29:01 +04'00'				
Vusala Garayeva Implementer Project Manager	Date			
Approvals: Samir Hamidov	Digitally signed by Samir Hamidov Date: 2022.05.24 19:54:12 +04'00'			
Samir Hamidov USAID/Azerbaijan AOR Tamilla Mammado	Date Digitally signed by Tamilla Mammadova Date: 2022.05.25 13:21:22 +04'00'			
Tamilla Mammadova MEO, USAID/Azerbaijan	Date			
Concurrence:	2NI: 2020 AZD 040			
Not required per Memo to File DO Poojan Tripathi, Bureau Environme Europe and Eurasia Bureau				

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RECORD OF COMPLIANCE WITH ACTIVITY-SPECIFIC ENVIRONMENTAL MITIGATION AND MONITORING PLANS (EMMPs)

Subject:	Site or Activity Name/Primary Project
IEE DCN:	
ERC/EMMP DCN:	
То:	COR/AOR/Activity Manager Name
Copy:	Mission Environmental Officer Name
Date:	

The [name of the implementing organization] has finalized its activities at the [site name] to [describe activities and processes that were undertaken]. This memorandum is to certify that our organization has met all conditions of the EMMPs for this activity. A summary and photo evidence of how the mitigation and monitoring requirements were met is provided below.

1. Mobilization and	d Site Preparation		
2. Activity Implement	entation Phase		
3. Site Closure Ph	ase		
4. Activity Handov	er		
Sincerely,			
Implementer Project Vusala Garayeva Approved:	t Manager	Date	
USAID/Azerbaijan <i>A</i> Samir Hamidov	AOR	 Date	

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- MEO
- Bureau Environmental Officer